

Apr 10 06 12:52p

J C WRAY

RECEIVED  
CENTRAL FAX CENTER 703 448-7397

P. 1

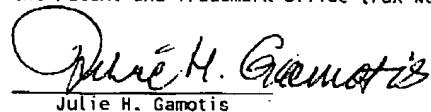
10/517841

APR 10 2006

CERTIFICATE OF TRANSMISSION

I hereby certify that this four-page correspondence is being  
facsimile transmitted to the Patent and Trademark Office (Fax No.  
571-273-8300).

On 4/10/06  
(Date)

  
Julie H. Gamotis

**Certificate**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APR 13 2006

In re Patent of

Fax: 571-273-8300

Asbjørn THOUSTRUP

Patent No. 7,018,483

Patent Date: March 28, 2006

For: MACHINE AND METHOD FOR THERMAL CLEANING AND SEPARATION OF  
METAL PARTS

**of Correction**

**REQUEST FOR CERTIFICATE OF CORRECTION**

To the Director of the Patent and Trademark Office

Sir:

Kindly accept and enter the attached Certificate of  
Correction for the above-identified patent.

A copy of the marked-up patent cover sheet and a copy of the  
Issue Notification showing the correct inventor name are also  
attached.

Since the error originated in the Patent and Trademark  
Office, no fee is required.

Respectfully,



James C. Wray, Reg. No. 22,693  
Matthew J. Laskoski, Reg. No. 55,360  
1493 Chain Bridge Road  
Suite 300  
McLean, Virginia 22101  
Tel: (703) 442-4800  
Fax: (703) 448-7397

April 10, 2006

PTO/SB/44 (04-04)

Approved for use through 04/30/2007. OMB 0651-0033  
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.  
 (Also Form PTO-1050)

**UNITED STATES PATENT AND TRADEMARK OFFICE  
 CERTIFICATE OF CORRECTION**

PATENT NO. : 7,018,483  
 DATED : March 28, 2006  
 INVENTOR(S) : Asbjørn Thoustrup

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page

Item (75) Inventor, should read:

--Asbjørn Thoustrup--

MAILING ADDRESS OF SENDER:

James C. Wray  
 1493 Chain Bridge Road, Suite 300  
 McLean, VA 22101

PATENT NO. 7,018,483

No. of additional copies



This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*



(12) **United States Patent**  
**Thoustrup**

(10) **Patent No.:** US 7,018,483 B2  
(b5) **Date of Patent:** Mar. 28, 2006

(54) **MACHINE AND METHOD FOR THERMAL CLEANING AND SEPARATION OF METAL PARTS**

*Asbjørn*

(75) Inventor: *Asbjørn* Thoustrup, Roskilde (DK)

(73) Assignee: Maskinfabrikken Fornax A/S, Silkeborg (DK)

(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: 10/517,841

(22) PCT Filed: Jun. 11, 2003

(86) PCT No.: PCT/DK03/00382

§ 371 (c)(1).

(2), (4) Date: Dec. 15, 2004

(87) PCT Pub. No.: WO03/106059

PCT Pub. Date: Dec. 24, 2003

(65) **Prior Publication Data**

US 2005/0241676 A1 Nov. 3, 2005

(30) **Foreign Application Priority Data**

Jun. 17, 2002 (DK) 2002 00920

(51) Int. Cl.

B08B 5/00 (2006.01)

(52) U.S. Cl. 134/19; 134/2; 134/42; 134/105; 134/107; 134/108

(58) **Field of Classification Search** 134/105; 134/107; 108. 19. 2. 42

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

3,610,260 A \* 10/1971 Kearney 134/12

4,208,221 A	6/1980	Rosen .....	134/19
4,584,062 A *	4/1986	Sussmeyer et al. ....	202/197
5,485,858 A	1/1996	Schmidt .....	134/107
5,538,025 A *	7/1996	Gray et al. ....	134/105
2001/0045142 A1 *	11/2001	Hansmann et al. ....	75/483

**FOREIGN PATENT DOCUMENTS**

DE	4214885	11/1993
DE	19653702	8/1998
DE	19813865	9/1999
EP	0554026	8/1993
EP	0639658	2/1995
GB	2280451	2/1995
WO	WO 01/98092	12/2001

\* cited by examiner

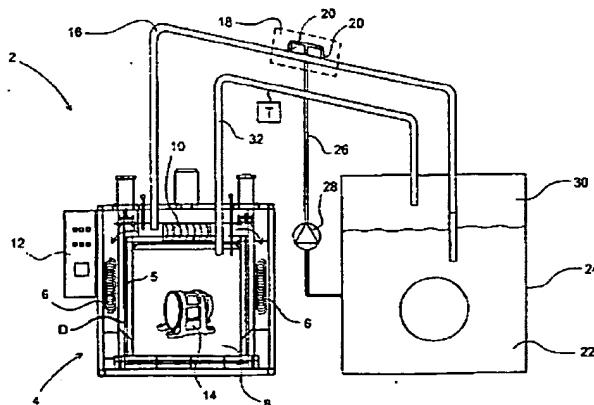
*Primary Examiner*—Sharidan Carrillo

(74) **Attorney, Agent, or Firm**—James Creighton Wray; Meera P. Narasimhan

(57) **ABSTRACT**

Thermal cleaning and separation of metal parts is performed by a stator from an electric motor. Windings embedded in an organic, insulating material are placed and heated to 250°–500° C. under controlled conditions in a heating chamber, evaporating organic material and loosened windings. Flue gas is evaporated organic substances conducted through a closed pipe system to a condensator, where organic gases condense. The pipe system is designed so that condensate is conducted-on in the closed pipe system to a partly liquid filled vessel. Contents of this vessel are air and water that flow concurrently with the condensed flue gas as condensate, increasing content of organic material in the vessel and separating condensate from air. Air may be conducted to the oven for renewed absorption of organic material. All organic material evaporated from the heating chamber is collected in the vessel for later disposal in an environmentally correct and secure way.

20 Claims, 1 Drawing Sheet





## UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED MAR 13 2006

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/517,841	03/28/2006	7018483	PATRADE	9007
7590	03/08/2006			

James C Wray  
 Suite 300  
 1493 Chain Bridge Road  
 McLean, VA 22101

## ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

**Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)**  
 (application filed on or after May 29, 2000)

The Patent Term Adjustment is 0 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (571) 272-4200.

APPLICANT(s) (up to 18 names are included below, see PAIR WEB site <http://pair.uspto.gov> for additional applicants):

Asbjorn Thoustrup, Rosley, DENMARK;